

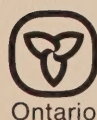
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# The North Pickering Project

**The Identification of  
Most Probable Industries**  
[Background Paper No. 12]

January, 1975



Ministry of  
Housing






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# **The Identification of Most Probable Industries [Background Paper No. 12]**

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# THE IDENTIFICATION OF MOST PROBABLE INDUSTRIES

## INTRODUCTION

The Plan for North Pickering will spatially allocate land uses in the North Pickering Planning Area. Industrial land use will be one of the important components of the Plan. This background paper identifies the industries most likely to be attracted to this land in North Pickering.

The purpose of this paper is to identify the most probable industries for North Pickering and to describe the methodology which resulted in the identification of these most probable industries.

## SUMMARY

The Standard Industrial Classification Manual identifies one hundred and twelve (112) manufacturing industries at the three digit level.\* Forty (40) of these manufacturing industries are identified in this paper as the most probable industries for North Pickering. These industries are listed in Table 1 (see next page).

## INTERPRETATION

The three digit SIC level, although more specific than the two digit SIC level, is a general categorization. The particular type of industry within the three digit classification is not identified. For example, Dairy Products

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\* The Standard Industrial Classification (SIC) Manual classifies industry into twelve divisions. One of these divisions (Division 5) is Manufacturing Industries. The Manufacturing Industries Division is divided into twenty Major Groups. The twenty Major Groups represent the two digit SIC level. Each of the twenty Major Groups is further subdivided. This further subdivision represents the three and four digit SIC levels. The four digit SIC level is a further disaggregation of the three digit SIC level. However, the remarks pertaining to the three digit SIC level also apply to the four digit SIC level.



TABLE I

MOST PROBABLE INDUSTRIES

<u>Two Digit SIC Level</u>		<u>Identified Three and Four Digit SIC Level</u>
01 Food & Beverage		* 104 Dairy Products Industries 105 Flour & Breakfast Cereal Products Industry 106 Feed Industry * 107 Bakery Products Industries
03 Rubber & Plastics		162 Rubber Products * 165 Plastic Fabricating
08 Wood Industries		* 254 Sash Door & Other Millwork Plants 2541 Sash, Door, & Other Millwork Plants n.e.s. 2542 Hardwood Flooring Plants 2543 Manu. of Prefabricated Bldgs. 258 Coffin & Casket Industry
09 Furniture & Fixtures		* 261 Household Furniture Manufacturers 2611 Furniture Re-Upholstery & Repair 2691 Household Furniture Manufacturers n.e.s. * 266 Misc. Furniture and Fixtures 268 Electical Lamp & Shade Manu.
10 Paper & Allied		273 Paper Box & Bag Manu. 2733 Paper & Plastic Bag Manu.
11 Printing, Publishing		* 286 Commercial Printing * 288 Publishing Only * 289 Publishing & Printing
13 Metal Fabricating		* 303 Ornamental & Architectural Metal Industries 3031 Metal Door & Window Manu. 3039 Ornamental & Architectural Metal Industries n.e.s. * 304 Metal Stamping Pressing & Coating Industries 3041 Metal Coating Industries 3042 Metal Stamping & Pressing Ind. * 305 Wire & Wire Products





Two Digit SIC Level	Identified Three and Four Digit SIC Level
	*306 Hardware Tool & Cutlery Manu.
	*307 Heating Equipment Manu.
	*308 Machine Shops
	*309 Misc. Metal Fabricating Ind.
14 Machinery Industries	311 Agricultural Implement Industry
	*315 Misc. Machinery & Equipment Manu.
	318 Office & Store Machinery Manu.
15 Transportation Equipment	321 Aircraft & Aircraft Parts Manu.
	*325 Motor Vehicle Parts & Accessories Manu.
16 Electrical Products	332 Manufacturers of Major Appliances
	334 Manu. of Household Radio & TV Receivers
	335 Communications Equipment Manu.
	336 Manu. of Electrical Ind. Equipment
17 Non-Metallic Mineral Products	*354 Concrete Products
	*355 Ready Mix Concrete Manu.
	356 Glass and Glass Products
19 Chemical & Chemical Products	374 Manu. of Pharmaceuticals & Medicines
	*376 Manu. of Soap & Cleaning Compounds
	*378 Manu. of Industrial Chemicals
	3781 Manu. of Pigments & Dry Colour
	3782 Manu. of Industrial Chemicals (Inorganic)
	3783 Manu. of Industrial Chemicals (Organic)
	*379 Misc. Chemical Industries
	3791 Manu. of Printing Inks
	3799 Misc. Chemical Industries n.e.s.
20 Miscellaneous Manufacturing Industries	*391 Scientific & Professional Equipment Manu.
	3911 Instrument & Related Products Manu.
	3912 Clock & Watch Manu.
	3913 Orthopaedic & Surgical Appliances Manu.
	3914 Ophthalmic Goods Manu.
	3915 Dental Laboratories
	397 Signs & Displays Industries

\* Indicates a dispersed industry. For definition see page 11.



Industries is the three digit SIC classification for industries directly related to dairy products. The following is a short list of the types of industries within the Dairy Products Industries classification: manufacture of buttermilk, manufacture of cheese paste, manufacture of evaporated, condensed or powdered skim milk, manufacture of sherbert, manufacture of ice cream specialities, etc. See SIC Manual for a complete listing. The identification at the three digit industry classification is not to be interpreted as including all possible industry types within that classification. Rather, the identification (Table 1) should be interpreted as indicating those representative industries within that classification which will be most probable for North Pickering. Similar statement can be made for industries identified at the four digit SIC classification.

## METHODOLOGY

### PART I - IDENTIFICATION AT TWO DIGIT LEVEL

The first step in the identification process was to identify probable manufacturing industries at an aggregate level. This was accomplished by detailing the manufacturing industries at the two digit SIC level and then reviewing the studies completed by the Economic Planning staff, to identify which of the manufacturing industries could be considered probable for North Pickering.



The following studies were employed in the identification of probable industries, at the two digit SIC level, for North Pickering:

Plantown Consultants and Ministry of Housing,  
Interim Report on Economic Development for North Pickering,  
1974.  
Dominion Bureau of Statistics, Standard Industrial  
Classification Manual, Revised 1970, Catalogue #12-501.

Economic Planning Staff:

- 1) Urban Systems Analysis: A Literature Review,  
1974.
- 2) Urban Systems Analysis: The "Market" Profiles for  
North Pickering: Some First Impressions, 1974.
- 3) Urban Systems Analysis: Aggregate Analysis of  
Regional and Lakeshore Corridor Patterns, 1974.
- 4) Urban Systems Analysis: Synthesis and  
Implications for North Pickering, 1974.
- 5) Identification of Manufacturing Growth  
Industries, 1974.
- 6) Industrial Location Patterns,  
1974.

Economic Planning File:

"Airport and Airport Related Activities".

The Plantown report identified manufacturing industries at the two and three digit SIC level for purposes of further investigation.

The Urban Systems Analysis reports (Economic Planning Staff 1, 2, 3 and 4) identified, from the literature and





existing surveys, manufacturing industries which could be considered as probable and/or desirable for North Pickering.

The Identification of Manufacturing Growth Industries

study identified manufacturing industries which were growing in terms of number of establishments, total employment, wages and salaries and productivity.

The Industrial Location Patterns study identified manufacturing industries which could be considered probable industries for North Pickering due to their location/birth/migration patterns.

The 'Airport and Airport Related Activities File' identified manufacturing industries which are associated with airports.

The identified manufacturing industries were compiled into a list indicating the source of their identification. This information is presented in Table II (below). The first column indicates the manufacturing industries at the two digit SIC level. The first row lists the studies consulted. The last entry in each row is that industry's productivity index for 1972 (base year 1961). The X marks the probable industries by study.

The identification of an industry as a probable industry for North Pickering in Table II means that this aggregate industry category merited further study at the three digit SIC level.

The following industries are not favourably mentioned in any of the studies: tobacco, leather and knitting. The clothing industry is mentioned only by the Plantown report which suggested further investigation. The remaining fifteen industries can be considered as initial probable industries



TABLE II

INITIAL PROBABLE INDUSTRIES

Two digit SIC

Studies Manufacturing	Plantown Report	Urban Systems Analysis - Reports	Idnfc. Of Manfg. Growth Indsts.	Industrial Migration Patterns	Airport & Airport Related File	Produc- tivity Index 1972 Base 1961
SIC Major Group #						
01 Food & Beverage	X	X		X	X	159.6
03 Rubber & Plastics			X	X		205.7
05 Textiles			X			203.1
08 Wood	X			X		192.1
09 Furniture & Fixture		X	X	X		199.5
10 Paper	X	x		x		150.2
11 Printing & Publishing	X	X		X	X	139.6
12 Primary Metal	X		X			180.3
13 Metal Fabricating	X	X	X	X	X	203.6
14 Machinery	X	X	X	X	X	221.1
15 Transportation Equipment		X	X	X	X	340.4
16 Electrical Products	X		X	X	X	272.1
17 Non-Metallic Mineral Products	X			X	X	168.0
19 Chemical & Chemical Products	X	X	X	X	X	220.9





at the two digit SIC level: food and beverage, rubber and plastics, textiles, wood, furniture and fixture, paper and allied, printing, publishing and allied, primary metal,\* metal fabricating, machinery, transportation, electrical products, non-metallic mineral production, chemical and chemical products. The heterogeneity of the miscellaneous manufacturing industries precluded its identification as a probable industry at the two digit SIC level.

Presumably, industries which are growing and which are foot-loose and/or widely dispersed in the region are the most desirable and probable industries. Translated into the identification of probable industries, this means that the 'Growth' study and the 'Location' study are considered more important than the other studies.

A more detailed rationale for the identification (or non identification) of each manufacturing industry as a probable and/or desirable industry for North Pickering is provided in Appendix I.

\* See page 23, #6.



## METHODOLOGY

### PART II - IDENTIFICATION OF THREE AND FOUR DIGIT LEVELS

The information communicated by the statement that food and beverage industries are probable industries for North Pickering is minimal. The general heading food and beverage (two digit SIC) industries includes meat and poultry products industries, fish products industry, fruit and vegetable processing industries, dairy products industry, flour and breakfast cereal products industry, feed industry, bakery products industries, miscellaneous food industries and beverage industries (all three digit SIC). The identification of food and beverage industries as probable industries for North Pickering means that food and beverage industries are likely to be represented in North Pickering. The identification does not mean that meat and poultry products industries, fish products industry, fruit and vegetable processing industries, etc., will all be represented in North Pickering. However, it is clearly more useful to know, for instance, that the dairy products industry and the bakery products industries are the probable industries within the food and beverage industries grouping.

Similar statements can be made for each of the two digit SIC level manufacturing industries. The following section extends the identification of manufacturing industries from the two digit SIC level of disaggregation to the three and four digit SIC levels of disaggregation.



The following sources were employed to identify the probable industries at the three and four digit SIC levels, for North Pickering:

Dominion Bureau of Statistics, Standard Industrial Classification Manual, Revised 1970, Catalogue #12-501.

Economic Planning Staff, Identification of Manufacturing Growth Industries, 1974.

Plantown Consultants and Ministry of Housing, Interim Report on Economic Development for North Pickering, 1974.  
Statistics Canada, Manufacturing Industries of Canada: Geographical Distribution 1970, Catalogue #31-209, May 1974.

Statistics Canada, Census of Manufacturers - a computer print-out for 1970 data, similar to the above Statistics Canada publication but which provides more detail and is confidential.

For each manufacturing industry at the two digit SIC level, the Standard Industrial Classification Manual was used to detail manufacturing industries at the three and four digit SIC levels. This provided a list of all possible manufacturing industries at the three and four digit SIC level.

The Identification of Manufacturing Growth Industries was then consulted to identify industries at the three digit SIC level which were growing in terms of number of establishments, total employment, wages and salaries and productivity. The industries which were 'growing' by the above criteria were considered as probable and/or desirable manufacturing industries.

The Census of Manufacturers computer print-out was then consulted to identify the location of industries at the three





digit SIC level. The print-out listed number of establishments and total employment by manufacturing industries for 1970 for forty-six municipalities in Central Ontario.

The municipalities covered by the print-out ranged in size from Penatanguishene (1971 population 5,497) to the City of Toronto (1971 population 712,786). The geographical distribution of the municipalities ranged from Coburg in the east, Midland in the north, Waterloo in the west and Port Colborne in the south. The boroughs of Metro Toronto were not included.

The print-out was checked for dispersed industries i.e. defined as industries which appear in more than twenty of the forty-six municipalities.. These industries can be considered 'footloose' and are probable industries for North Pickering. The print out was also checked for industries which are peculiar to one or two of the forty-six municipalities. These industries were observed for special location requirements and in some cases were identified as initial probable industries. The manufacturing industries not located in either Markham, Ajax, Whitby or Oshawa were also noted from the computer print out. These industries were also observed for special location requirements and in some cases were identified as initial probable industries. (The latter two criteria were combined.)

The Manufacturing Industries of Canada, Geographical Distribution was then consulted to determine which industries at the three digit SIC level were not located in the Toronto Census Metropolitan Area. An industry would not be listed if there were fewer than three establishments in the area



or if there were more than three establishments but the industry was dominated by one or two establishments or if the industry were not located in the area. These industries were also observed for special location requirements, however no industry was identified on this criteria alone. .

The Plantown report was then consulted to determine which industries that report identified at the three digit SIC level as probable industries for North Pickering. These industries were identified only for purposes of further investigation. In some cases these industries were also identified as initial probable industries.

The results of this identification process are presented in Table III (see next page). The manufacturing industries at the three and four digit SIC level are shown within their two digit grouping. The SIC numbers are also included. The asterisk (\*) indicates the industries which are widely dispersed. There are fourteen identified manufacturing industries at the two digit level.

Miscellaneous Manufacturing Industries have been added because at this level of disaggregation it was possible to identify such Miscellaneous Manufacturing Industries as Scientific and Professional Equipment Manufacturers and Signs and Displays Industry as probable industries for North Pickering.

The identification of the probable industries is explained by criteria in Appendix II.





TABLE III INITIAL IDENTIFICATION OF  
PROBABLE INDUSTRIES

<u>Two Digit SIC</u> <u>Level</u>		<u>Identified Three and Four Digit</u> <u>SIC Level</u>
01 Food & Beverage	*	104 Dairy Products Industries 105 Flour & Breakfast Cereal Products Industry 106 Feed Industry * 107 Bakery Products Industries 109 Beverage Industries 1092 Distilleries 1093 Breweries
03 Rubber & Plastics		162 Rubber Products * 165 Plastic Fabricating
05 Textile		183 Manmade Fibre, Yarn & Cloth Mills
08 Wood Industries		251 Sawmills, Planing Mills, Shingle Mills * 254 Sash Door & Other Millwork Plants 2541 Sash, Door, & Other Millwork Plants n.e.s. 2542 Hardwood Flooring Plants 2543 Manu. of Prefabricated Bldgs. 258 Coffin & Casket Industry
09 Furniture & Fixtures	*	261 Household Furniture Manufacturers 2611 Furniture Re-Upholstery & Repair 2691 Household Furniture Manufacturers n.e.s. * 266 Misc. Furniture and Fixtures 268 Electrical Lamp & Shade Manu.
10 Paper & Allied		272 Asphalt Roofing Manu. 273 Paper Box & Bag Manu. 2733 Paper & Plastic Bag Manu.
11 Printing, Publishing	*	286 Commercial Printing * 288 Publishing Only * 289 Publishing & Printing
13 Metal Fabricating	*	303 Ornamental & Architectural Metal Industries 3031 Metal Door & Window Manu. 3039 Ornamental & Architectural Metal Industries n.e.s. * 304 Metal Stamping Pressing & Coating Industries 3041 Metal Coating Industries 3042 Metal Stamping & Pressing Ind. * 305 Wire & Wire Products



Two Digit SIC Level	Identified Three and Four Digit SIC Level
	*306 Hardware Tool & Cutlery Manu.
	*307 Heating Equipment Manu.
	*308 Machine Shops
	*309 Misc. Metal Fabricating Ind.
14 Machinery Industries	311 Agricultural Implement Industry
	*315 Misc. Machinery & Equipment Manu.
	318 Office & Store Machinery Manu.
15 Transportation Equipment	321 Aircraft & Aircraft Parts Manu
	*325 Motor Vehicle Parts & Accessories Manu.
16 Electrical Products	332 Manufacturers of Major Appliances
	334 Manu. of Household Radio & TV Receivers
	335 Communications Equipment Manu.
	336 Manu. of Electrical Ind. Equipment
17 Non-Metallic Mineral Products	*354 Concrete Products
	*355 Ready Mix Concrete Manu.
	356 Glass and Glass Products
19 Chemical & Chemical Products	374 Manu. of Pharmaceuticals & Medicines
	*376 Manu. of Soap & Cleaning Compounds
	*378 Manu. of Industrial Chemicals
	3781 Manu. of Pigments & Dry Colour
	3782 Manu. of Industrial Chemicals (Inorganic)
	3783 Manu. of Industrial Chemicals (Organic)
	*379 Misc. Chemical Industries
	3791 Manu. of Printing Inks
	3799 Misc. Chemical Industries n.e.s.
20 Miscellaneous Manufacturing Industries	*391 Scientific & Professional Equipment Manu.
	3911 Instrument & Related Products Manu.
	3912 Clock & Watch Manu.
	3913 Orthopaedic & Surgical Appliances Manu.
	3914 Ophthalmic Goods Manu.
	3915 Dental Laboratories
	397 Signs & Displays Industries

\* Indicates a dispersed industry. For definition see page 11.



## METHODOLOGY

### PART III - FINAL IDENTIFICATION AT THREE AND FOUR DIGIT LEVELS

The final process in the identification of the most probable industries for North Pickering was to refine the initial identification at the three and four digit SIC levels. This was accomplished by examining the location requirements of the initially identified industries through a literature review, a questionnaire concerning the location requirements of new manufacturing establishments and a location and site requirements of secondary industry questionnaire.\* The planning Co-ordinators of the North Pickering Project were also contacted for their views on the suitability of the initially identified industries.

This process resulted in the deletion of four industries from the initial identification of probable industries: Beverage Industries, Manmade Fibre Yarn and Cloth Mills Industries, Sawmills, Planing Mills, Shingle Mills Industries, Asphalt Roofing Manufacture. Beverage Industries were deleted due to their large water requirements and waste problems. Manmade Fibre Yarn and Cloth Mills industries were deleted due to their large water requirements and severe waste problems. Sawmills, planing mills, shingle mills industries were deleted due to their large water requirements and need to be close to their raw materials. The asphalt roofing industry was deleted due to its large water requirements and severe waste problems.

Based on this refinement process, none of the initially identified industries were deleted for environmental reasons other than waste problems. However it should be emphasized that environmental standards will be set and these standards will be adhered to by all industry in North Pickering.

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\* See, Location & Site Requirements of Secondary Industry, North Pickering Project, 1975.





It is also recognized that some of the most probable industries will have to weigh certain drawbacks before locating in North Pickering:

- Dairy Products Industries prefer to be in a rural setting close to their raw materials. However, these industries are widely dispersed and there is a possibility of a plant processing whole milk for retail distribution locating in North Pickering.
- Metal Stamping Pressing and Coating Industries are heavy users of water; the cost of water will affect their location decision. However, these industries are widely dispersed and other factors, i.e. good highways, labour supply, markets, and suitable land, which affect their location decision will be favourable in North Pickering.
- Manufacture of Industrial Chemicals Industries are also heavy users of water; the cost of water will affect their location decision. However these industries are widely dispersed and other factors i.e. good highways, suitable land, markets and rail service, which affect their location decision will be favourable in North Pickering.

The result of the process as described in Methodology Parts I, II, and III is Table I: Most Probable Industries. (See pages 2,3)

Due to the unavailability of data, a further disaggregation of manufacturing industries will not be attempted. However Appendix III does present examples of manufacturing industries beyond that presented in Table I. This is done for illustrative purposes only, in order to give the reader a better idea of, for example, what the Dairy Products Industries entail.



## CONCLUSION

The identification of most probable industries was undertaken within the context of Metropolitan Toronto and surrounding regions. Similar results could not be expected to be valid for other areas i.e. eastern Ontario. Metropolitan dominance is very much evident in the selection of most probable industries. The attraction of the Toronto area as well as its record of industrial development are special features which differentiate this area from others within the Province of Ontario.



APPENDIX I  
EXPLANATION OF IDENTIFICATION  
AT TWO DIGIT SIC LEVEL

RE: Identification of Manufacturing Growth Industries and  
Industrial Location Patterns Studies

Purpose - To present a short rationale for establishing an industry as probable or not probable for North Pickering.

- 01 Food and Beverage - Probable
  - Does not rate highly as a growth area
  - But - New and existing establishments are widely dispersed and are suburbanizing.
- 02 Tobacco Products - Not Probable
  - Not a growth area
  - Not prominent in the study region.
- 03 Rubber and Plastics Products - Probable
  - A growth area
  - Many new establishments locating in Metro Toronto
- 04 Leather - Not Probable
  - Not a growth area
  - Decrease in productivity since 1961
- 05 Textile - Probable
  - A growth area
  - Strong increase in productivity since 1961
- 06 Knitting Mills - Not Probable
  - Does not rate highly as a growth area although strong increase in productivity since 1961.
  - Decrease in number of establishments and employment during the 1960's.
- 07 Clothing - Not Probable
  - Not a growth area
  - Centralized and concentrated in City of Toronto





08 Wood - Probable

- Does not rate highly as a growth area

BUT - Many new and existing establishments located  
in suburbs of Metro Toronto

- Strong increase in productivity since 1961.

09 Furniture and Fixture - Probable

- A growth area

- Suburbanizing

10 Paper and Allied - Probable

- Does not rate highly as a growth area

BUT - Tends to locate in larger centres

- New firms locating in suburbs of Metro Toronto

11 Printing, Publishing and Allied - Probable

- Not a growth area

BUT - widely dispersed

12 Primary Metal - Probable (see Page 23, #6)

- A growth area

- Increase in employment and number of establishments  
during the 1960's.

13 Metal Fabricating - Probable

- A growth area

- Relatively widely dispersed

- Suburbanizing

14 Machinery - Probable

- A growth area

- Strong increase in productivity

- Relatively widely dispersed

15 Transportation Equipment - Probable

- A growth area

- Strong increase in productivity

- Suburbanizing



16 Electrical Products - Probable

- A growth area
- Located in large centres
- New firms are attracted to Metro Toronto.

17 Non-Metallic Mineral Production - Probable

- Does not rate highly as a growth area

BUT - A concentration of establishments and employment  
in the Metro Toronto region especially in Etobicoke  
and Scarborough.

18 Petroleum and Coal Products - Not Probable

- Does not rate highly as a growth area, although  
strong productivity increase
- Decrease in employment during the 1960's
- Not prominent in the study area

19 Chemical and Chemical Products - Probable

- A growth area
- Located in most large centres.

20 Miscellaneous Manufacturing

Too heterogeneous to identify at this level.



## APPENDIX II

### IDENTIFICATION OF PROBABLE INDUSTRIES BY CRITERIA

Each of the three and four digit SIC industries was assessed according to the criteria as labelled below 1 to 5. The identification process was cumulative in that as an industry was identified, it was placed on the list Initial Identification Of Probable Industries. Therefore, although an industry may have been identified in terms of Dispersed Industries and Growing Industries, it would only be identified under Dispersed Industries because that was the first criteria. The numbers represent the two, three and four digit SIC industries.

#### 1. DISPERSED INDUSTRIES

##### 01 FOOD AND BEVERAGE

- 104 Dairy Products Industries
- 107 Bakery Products Industries

##### 03 RUBBER AND PLASTICS PRODUCTS

- 165 Plastics Fabricating Industry

##### 08 WOOD INDUSTRY

- 254 Sash, Door and Other Millwork Plants

##### 09 FURNITURE AND FIXTURE

- 261 Household Furniture Manufacture
- 266 Miscellaneous Furniture and Fixture

##### 11 PRINTING, PUBLISHING AND ALLIED

- 286 Commercial Printing
- 288 Publishing Only
- 289 Publishing and Printing

##### 13 METAL FABRICATING

- 303 Ornamental and Architectural Metal
- 304 Metal Stamping, Pressing and Coating
- 305 Wire and Wire Products
- 306 Hardware Tool and Cutlery Mfg.
- 307 Heating Equipment Mfg.
- 308 Machine Shops
- 309 Miscellaneous Metal Fabricating



- 14 MACHINERY
  - 315 Miscellaneous Machinery and Equipment
- 15 TRANSPORTATION EQUIPMENT
  - 325 Motor Vehicle Parts and Accessories
- 17 NON-METALLIC MINERAL PRODUCTS
  - 354 Concrete Products
  - 355 Ready Mix Concrete
- 19 CHEMICALS AND CHEMICAL PRODUCTS
  - 376 Manufacture of Soap and Cleaning Compounds
  - 378 Manufacture of Industrial Chemicals
  - 379 Miscellaneous Chemical Industries
- 20 MISCELLANEOUS MANUFACTURING
  - 391 Scientific and Professional Equipment

## 2. GROWING INDUSTRIES

- 03 RUBBER AND PLASTICS PRODUCTS
  - 162 Rubber Products (absolute employment)
- 05 TEXTILE
  - 183 Manmade Fibre, Yarn and Cloth Mills  
(Productivity, although no employment mention)
- 08 WOOD INDUSTRIES
  - 251 Sawmills, Planing Mills and Shingle Mills  
(Productivity and employment)
- 12 PRIMARY METAL (See Page 23, #6)
  - 291 Iron and Steel Mills (productivity and employment)
  - 294 Iron Foundries (productivity and employment)
- 14 MACHINERY
  - 318 Office and Store Machinery (employment and productivity)
- 15 TRANSPORTATION EQUIPMENT
  - 321 Aircraft and Aircraft Parts Manufacture  
(employment)
- 16 ELECTRICAL PRODUCTS
  - 332 Manufacture of Major Appliances  
(employment and productivity)
  - 334 Manufacture of Household Radio & TV Receivers  
(employment and productivity)
  - 335 Communications Equipment Manufacture  
(employment and productivity)
  - 336 Manufacture of Electrical Industrial Equipment  
(employment and productivity)
- 17 NON-METALLIC MINERAL PRODUCTS
  - 356 Glass and Glass Products (employment and productivity)
- 20 MISCELLANEOUS MANUFACTURING
  - 397 Signs and Displays (employment)





3. PLANTOWN IDENTIFICATION

- 10 PAPER AND ALLIED  
273 Paper Box and Bag Manufacture
- 19 CHEMICAL AND CHEMICAL PRODUCTS  
374 Manufacturers of Pharmaceuticals and Medicines

4. TOWARDS A POSSIBLE AGRICULTURAL POLICY

- 01 FOOD AND BEVERAGE  
105 Flour and Breakfast Cereal Products Industry  
106 Feed Industry
- 14 MACHINERY  
311 Agricultural Implement Industry

5. A few industries which were located in only one or two of the municipalities in the study area and which were not prominent to the east of Metro Toronto were also identified as probable industries. At this stage of identification these industries are more appropriately called desirable industries.

- 01 FOOD AND BEVERAGES  
109 Beverage Industries  
1092 Distilleries  
1093 Breweries
- 08 WOOD PRODUCTS  
258 Coffin and Casket Industry
- 09 FURNITURE AND FIXTURES  
268 Electric Lamp and Shade Manufacture
- 10 PAPER AND ALLIED  
272 Asphalt Roofing Manufacture

6. Iron and Steel Mills and Iron Foundries were also identified as probable/desirable industries in terms of employment and productivity. However, these two industries were not included in Table III because they are heavy users of water. This deletion from the Initial Identification of Probable Industries is an example of how the refinement process will produce the most probable industries for North Pickering.



APPENDIX III

SELECTED EXAMPLES OF THREE DIGIT

SIC INDUSTRIES

Three digit manufacturing industry categories selected from Table I (see pages 2 and 3).

		<u>Examples</u>
104	Dairy Products Industries	- Milk processing - Cheese processing
107	Bakery Products Industries	- Doughnuts - Meat pies - Bread
165	Plastic Fabricating	- Plastic containers - Fibreglass grave covers - Plastic wall tile
254	Sash Door and Other Millwork Plants	- Prefab buildings - Kitchen cabinets - Stair railings (wood)
261	Household Furniture Manufacturers	- Beds - Radio and television cabinets
266	Misc. Furniture and Fixtures	- Dentists' chairs - Picture frames - Restaurant furniture
286	Commercial Printing	- Bank notes - Greeting cards - Stationery printing
303	Ornamental and Architectural Metal Industries	- Steel gratings - Aluminum doors
305	Wire and Wire Products	- Barbed wire - Nuts and bolts



- |     |   |  |
|-----|---|--|
| 306 | Hardware Tool and Cutlery                           | - Hair clippers<br>- Knives<br>- Lawn mowers                             |
| 307 | Heating Equipment                                   | - Gas stoves<br>- Oil burners  |
| 308 | Machine Shops                                       | - Automotive transmissions   |
| 309 | Misc. Metal Fabricating Industries                  | - Barbecue grills<br>- Cargo containers                                  |
| 325 | Motor Vehicle Parts & Accessories Manufacturers     | - Steering wheels<br>- Mufflers<br>- Autobodies                          |
| 354 | Concrete Products                                   | - Drain tile<br>- Concrete pipe<br>-                                     |
| 355 | Ready-Mix Concrete Manufacturers                    | - Concrete mixing plant<br>- Delivering and mixing of ready-mix concrete |
| 376 | Manufacturers of Soap and Cleaning Compounds        | - Ammonia<br>- Lye<br>- Soap   |
| 378 | Manufacturers of Industrial Chemicals               | - Dry ice<br>- Acetic acid   |
| 379 | Misc. Chemical Industries                           | - Antifreeze<br>- Fireworks<br>- Floor wax                               |
| 391 | Scientific and Professional Equipment Manufacturers | - Clocks<br>- Eyeglasses<br>- Parking meters                             |









Ontario

Ministry of  
Housing

Hon. Donald R. Irvine, *Minister*  
R. M. Warren, *Deputy Minister*